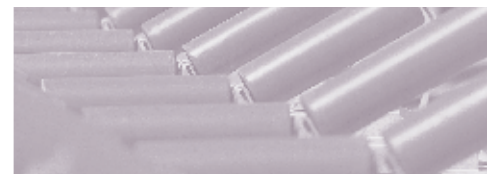


Marti Technics Ltd.

Conveyor belt system Túnel del Perthus (E/F)



Túnel del Perthus (E/F)

Conveyor belt system

Client	TP-Ferro
Main contractor	Túnel del Perthus A.E.I.E.
Sub-contractor	Marti Technics Ltd.
Order value	CHF 14.5 mn
Drawn up	2005



Services provided by Marti Technics Ltd.

Design, planning and performance of the entire conveyor belt system including electrical installation and visualised plant controls.

Description of the system

- Tunnel conveyors 2 x 8650 m
- External conveyors 2 x 300 m
- Automation and electrical system

Technical data

Conveyor belt system

- Total quantity to be conveyed 3 million tonnes
- Flow rate for tunnel conveyors 2060 t/h
- Flow rate for external conveyors 2600 t/h
- Driving power of tunnel conveyors 2840 kW
- Driving power of external conveyors 910 kW
- Belt widths 1000/1200 mm

Automation and electrical system

- Fully-automatic control of material flow from the tunnel boring machine to final disposal site
- Visualisation of conveyor belt system
- Installation of heavy-duty electrical supply 3750 kW



Marti Technics Ltd.

Lochackerweg 2
CH-3302 Moosseedorf

Fon +41 31 858 33 88
Fax +41 31 858 33 89

info@martitechnik.ch
www.martitechnik.ch